

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

2-05-204 9:59AM

FROM THOMAS E. SCHATZEL 408 358 7720

RECEIVED  
CENTRAL FAX CENTER

P. 1

FEB 05 2004

OFFICIAL

PATENT

Practitioner's Docket No. SS-714-01

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: V. Vaganov  
Application No.: 09/596,837 Group No. 2878  
Filed: 06/19/2000 Examiner: G. Goudreau  
For: Method for Fabricating Microstructures With Deep Anisotropic Etching  
of Thick Silicon Wafers  
 Patent No. : Issued:

\*NOTE: Insert name(s) of all inventor(s) and also title for patent.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office (fax No.: (703) 872 - 9306 ) on the date shown below:

Resubmission of lost Amendment, per Examiner Goudreau's request.

This facsimile consists of 31 total pages including this transmittal sheet

Debra L. Czapenski

(type or print name of person signing certification)

02/05/2004

Date

Signature

(Certification of Facsimile Transmission (B-7))

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: V. Vaganov  
Serial No.: 09/596,837  
Filed: 06/19/2000

Group Art Unit: 2878  
Examiner: G. Goudreau  
Attorney's Docket  
No.: SS-714-01

For: METHOD FOR FABRICATING MICROSTRUCTURES WITH  
DEEP ANISOTROPIC ETCHING OF THICK SILICON WAFERS

\*\*\* FOR HAND DELIVERY TO EXAMINER GEORGE A. GOUDREAU  
VIA FACSIMILE: (703) 872-9306

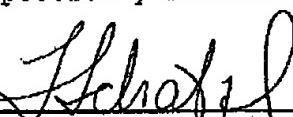
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date of this Paper:  
February 5, 2004

RESUBMISSION OF LOST AMENDMENT

Pursuant to the request of Examiner Goudreau, herewith is another copy of the Amendment for the above referenced application which was submitted to the U.S. Patent and Trademark Office on November 18, 2003. Apparently, the Amendment was lost in the U.S. Patent and Trademark Office. Note that the Amendment also includes the Certificate of Mailing. Also submitted herewith is a copy of the postcard receipt. The Amendment was received in the U.S. Patent and Trademark Office on November 21, 2003.

Respectfully submitted,

By   
Thomas E. Schatzel  
Reg. No. 22,611

Dated: 02/05/2004

LAW OFFICES OF THOMAS E. SCHATZEL  
A Professional Corporation  
16400 Lark Avenue, Suite 240  
Los Gatos, California 95032  
Telephone: (408) 358-7733  
Facsimile: (408) 358-7720

## THE STAMP OF THE U.S. PATENT AND TRADEMARK OFFICE

HEREON ACKNOWLEDGES RECEIPT OF THE FOLLOWING:

Applicant(s)/Patentee(s): Vladimir Vaganov

Serial No./Patent No.: 09/596,837

Filed/Issued: 06/19/2000

For: Method for Fabricating Microstructures . . . Silicon Wafers

- 2 Transmittal(s) (dep. a/c)  Five Trademark Specimens  
 Specifications/Application  Two Requests for Extension of Time  
 Drawing(s)  Certified  Application  
 Sheet(s) Form(s)  <sup>1</sup> Deposit Account Order Form  
 Declaration & Power of Attorney  Deposit Account Order Form  
 Assignment  Base/Design Issue Fee Form  
 Amendment  Advance Order Form  
 Letter to Official Draftsmen  Balance of Issue Fee Form  
 Check No.  Other: \_\_\_\_\_  
Date: 11/18/2003 *11/18/03 TRM*

Practitioner's Docket No. SS-714-01**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re application of: **Vladimir Vaganov**Application No.: **09 / 596,837** Group No.: **2878**Filed: **06/19/2000** Examiner: **G. Goudreau**For: **METHOD FOR FABRICATING MICROSTRUCTURES WITH DEEP  
ANISOTROPIC ETCHING OF THICK SILICON WAFERS**

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**AMENDMENT TRANSMITTAL**

**WARNING:** Failure to file a complete response in compliance with § 1.135(c) leads to a reduction in patent term adjustment - See § 1.704(c)(7).

- Transmitted herewith is an amendment for this application.

**STATUS**

- Applicant is

- a small entity. A statement:  
 is attached.  
 was already filed.  
 other than a small entity.

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
*(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional)*

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

deposited with the United States Postal Service in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 \*

 with sufficient postage as first class mail. as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION** facsimile transmitted to the Patent and Trademark Office, (703)

Signature

Debra L. Czapenski

(type or print name of person certifying)

\* Only the date of filing (§ 1.8) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.8(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Amendment Transmittal [9-19]—page 1 of 4)

### EXTENSION OF TERM

**NOTE:** "Extension of Time in Patent Cases (Supplement Amendments) — If a timely and complete response has been filed after a Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional amendment after expiration of the shortened statutory period.

If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run." Notice of December 10, 1985 (1061 O.G. 34-35).

**NOTE:** See 37 C.F.R. § 1.845 for extensions of time in interference proceedings, and 37 C.F.R. § 1.550(c) for extensions of time in reexamination proceedings.

**NOTE:** 37 C.F.R. § 1.704(b) "...an applicant shall be deemed to have failed to engage in reasonable efforts to conclude processing or examination of an application for the cumulative total of any periods of time in excess of three months that are taken to reply to any notice or action by the Office making any rejection, objection, argument, or other request, measuring such three-month period from the date the notice or action was mailed or given to the applicant, in which case the period of adjustment set forth in § 1.703 shall be reduced by the number of days, if any, beginning on the day after the date that is three months after the date of mailing or transmission of the Office communication notifying the applicant of the rejection, objection, argument, or other request and ending on the date the reply was filed. The period, or shortened statutory period, for reply that is set in the Office action or notice has no effect on the three-month period set forth in this paragraph."

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136 apply.

(complete (a) or (b), as applicable)

- (a)  Applicant petitions for an extension of time under 37 C.F.R. § 1.136  
(fees: 37 C.F.R. § 1.17(a)(1)-(4) for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input checked="" type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 420.00	\$ 210.00
<input type="checkbox"/> three months	\$ 950.00	\$ 475.00
<input type="checkbox"/> four months	\$1,480.00	\$ 740.00

Fee: \$ 55.00

If an additional extension of time is required, please consider this a petition therefor.

(check and complete the next item, if applicable)

- An extension for \_\_\_\_\_ months has already been secured. The fee paid therefor of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ 55.00

OR

- (b)  Applicant believes that no extension of term is required. However, this is a conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

(Amendment Transmittal [3-19]—page 2 of 4)

**FEE FOR CLAIMS**

4. The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE OR RATE
TOTAL 115	MINUS " 115	= 0	x\$9= \$ 0	x\$18= \$
INDEP. 7	MINUS " 3	= 4	x\$43= \$ 172.00	x\$86= \$
□ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM		0	+\$145= \$ 0	+\$290= \$
			TOTAL ADDIT. FEE \$ 172.00	OR TOTAL ADDIT. FEE \$

- If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.
- If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20."
- If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING:** "After final rejection or action (§ 1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 C.F.R. § 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

(c)  No additional fee for claims is required.

OR

(d)  Total additional fee for claims required \$ 172.00

**FEE PAYMENT**

- Attached is a  check  money order in the amount of \$ \_\_\_\_\_
- Authorization is hereby made to charge the amount of \$ 227.00 (\$172.00 for claims)  
 to Deposit Account No. 19-0310 (\$55.00 for one month extension)
- to Credit card as shown on the attached credit card information authorization form PTO-203B.

**WARNING:** Credit card information should not be included on this form as it may become public.

- Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

(Amendment Transmittal [3-19]—page 3 of 4)

**FEE DEFICIENCY**

NOTE: If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1988, (1085 O.G. 31-33).

6.  If any additional extension and/or fee is required, charge Account No. 19-0310

**AND/OR**

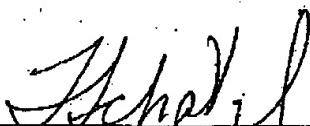
- If any additional fee for claims is required, charge Account No. 19-0310

Dated: 11/18/2003

Reg. No.: 22,611

Tel. No.: (408) 358-7733  
Fax No.: (408) 358-7720

Customer No.:

  
\_\_\_\_\_  
SIGNATURE OF PRACTITIONER

THOMAS E. SCHATZEL

(type or print name of practitioner)

LAW OFFICES OF  
THOMAS E. SCHATZEL  
A PROFESSIONAL CORPORATION  
16400 LARK AVENUE, SUITE 240  
LOS GATOS, CA 95032  
(408) 358-7733

(Amendment Transmittal [9-19]—page 4 of 4)